Kilometres

1. Three birds flew in the sky until their wings needed a rest.

A.		5,000m
B.		6,250m
C.		$3\frac{1}{2}$ km

Order the distances they flew from furthest to shortest. Write your answer in kilometres.

VF

2. Complete the bar models.

A.

5km	
2km	_____m

B.

3km	
2,325m	_____m

C.

6km + $2\frac{1}{2}$ km	
1,500m	_____km

VF

3. Match up the equal distances to calculate the value of the hidden measurement.

5km – $3\frac{1}{2}$ km	$4\frac{1}{4}$ km
4,250m	4,500m
3km	m
$4\frac{1}{2}$ km	3,000m

VF

4. Which comparison statement is correct?

A. $\frac{1}{2}$ of 8km = 4,000m < 2km + 1km

B. 7km = double $3\frac{1}{2}$ km > 6,700m

Explain how you know.

R

5. When combined, which three distances total between 5,000m and $5\frac{1}{2}$ km?

$4\frac{1}{2}$ km

950m

200m

$1\frac{1}{4}$ km

4km

Find two possibilities.

PS

6. Mika has travelled $4\frac{1}{4}$ km in a taxi. Ralph has travelled $\frac{1}{2}$ km more than 3,850m in a taxi.

Ralph says,

My taxi ride was longer by 100km.

Is Ralph correct? Explain your answer.

R

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1. $6\frac{1}{4}$ km, 5km, $3\frac{1}{2}$ km

2. A. 3,000m; B. 675m; C. 7km

3. 4,250m = $4\frac{1}{4}$ km; 3km = 3,000m; $4\frac{1}{2}$ km = 4,500m. The missing value is 1,500m because 5km – $3\frac{1}{2}$ km = 1,500m

4. Statement B is correct because double $3\frac{1}{2}$ km equals 7km. 7km = 7,000m which is greater than 6,700m. Statement A is incorrect because 4,000m = 4km which is greater than 3km.

5. $1\frac{1}{4}$ km + 200m + 4km = 5,450m and 4km + 200m + 950m = 5,150m

6. Ralph is incorrect because he travelled 4,350m whilst Mika travelled 4,250m, so the distance Ralph travelled in the taxi was 100 metres longer.

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